

Attorney Docket No. 5077-000074**Declaration and Power of Attorney for Patent Application
(English Language Declaration)**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

NUCLEOTIDE DETECTOR, METHOD FOR MANUFACTURING THE SAME, AND

METHOD FOR PRODUCING PARTICULATE FILM

the specification of which (check one)

☐ is attached hereto.

☒ was filed on March 15, 2001 as United States Application No. or
PCT International Application Number PCT/JP01/02083 and was
amended on August 28, 2001 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a) - (d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)**Priority Not Claimed**

<u>2000-073805</u> (Number)	<u>Japan</u> (Country)	<u>16/03/2000</u> (Day/Month/Year filed)
<u>2000-086116</u> (Number)	<u>Japan</u> (Country)	<u>27/03 /2000</u> (Day/Month/Year filed)
<u> </u> (Number)	<u> </u> (Country)	<u> </u> (Day/Month/Year filed)

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

(Application Serial Number)

(Filing Date)

(Application Serial Number)

(Filing Date)

(Application Serial Number)

(Filing Date)

I hereby claim the benefit under 35 U.S.C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C.F.R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Application Serial No.	Filing Date	Status – patented, pending, abandoned
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. *(list name and registration number)*

Send Correspondence to:

Customer No. 27572
Harness, Dickey & Pierce, P.L.C.



Direct Telephone Calls to: *(name and telephone number)*

Gregory A. Stobbs (248) 641-1600

Full name of sole or first inventor: Ichiro YAMASHITA

Inventor's signature: Ichiro Yamashita

Date: October 31, 2001

Residence: Nara, Japan

Citizenship: Japan

Post Office Address: 4-1-6-210, Nakatomigaoka, Nara-shi, Nara 631-0003, Japan

Full name of second joint inventor, if any: _____

Second Inventor's signature: _____

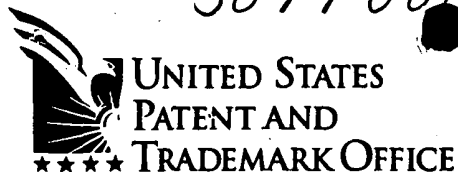
Date: _____

Residence: _____

Citizenship: _____

Post Office Address: _____

5077 000074 /GAS



MARCH 06, 2002

PTAS

HARNESS, DICKEY & PIERCE, P.L.C.
GREGORY A. STOBBS
P.O. BOX 828
BLOOMFIELD HILLS, MI 48303

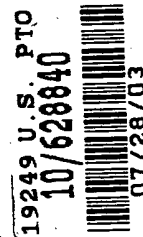
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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.



PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/16/2001

REEL/FRAME: 012448/0971
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

YAMASHITA, ICHIRO

DOC DATE: 10/31/2001

ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL
CO., LTD.
1006, OAZA KADOMA, KADOMA-SHI
OSAKA, JAPAN 571-8501

SERIAL NUMBER: 09979438
PATENT NUMBER:

FILING DATE: 11/16/2001
ISSUE DATE:

ANTIONE ROYALL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

A/D 581.40

09/979438

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Key Docket No. 5077-000074Form PTO-1595
(Rev. 03/01)
OMB No. 0651-0027 (exp. 5/31/2002)

RECOI

01-15-2002

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents

101946572

1 original documents or copy thereof.

1. Name of conveying party(ies):
Ichiro YAMASHITA

2. Name and address of receiving party(ies)

Name: Matsushita Electric Industrial Co., Ltd.

Internal Address:

Additional name of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Street Address: 1006, Oaza Kadoma, Kadoma-shi,

City: Osaka State: JAPAN Zip: 571-8501

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

Execution Date(s): October 31, 2001

4. Application number(s) or patent number(s):

09979438

If this document is being filed together with a new application, the execution date of the application is: October 31, 2001

A. Patent Application No.(s)

B. Patent No.(s)

11/28/2001 UEDWIJE 00000036 09979438

04 FC:581

40.00 OP

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Gregory A. Stobbs

Internal Address: Harness, Dickey & Pierce, P.L.C.

Street Address: P.O. Box 828

City: Bloomfield Hills State: MI Zip: 48303

6. Total number of applications and/or patents involved: 1

7. Total fee (37 CFR 3.41)\$ 40

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gregory A. Stobbs
Name of Person Signing

Signature

November 16, 2001
Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

MURD 11-16-01

Attorney Docket No. 5077-000074**ASSIGNMENT**

WHEREAS, Ichiro YAMASHITA
(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements
in NUCLEOTIDE DETECTOR, METHOD FOR MANUFACTURING THE SAME, AND
METHOD FOR PRODUCING PARTICULATE FILM

_____ for which the undersigned has (have):

- (a) filed an application for Letters Patent of the United States of America on
_____ having Serial No. _____; or
- (b) executed an application for Letters Patent of the United States of America on the date(s)
indicated below; and

WHEREAS, Matsushita Electric Industrial Co., Ltd. of
1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan
its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is
desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters
Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in
hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the
undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer
unto the Assignee the full and exclusive right to the said invention in the United States of America and
its territories and for all foreign countries, dependencies and possessions and the entire right, title and
interest in and to the application and any and all Letters Patent(s) which may be granted therefor in the
United States of America and its territories, dependencies and possessions, and in and to any and all
divisions, reissues, continuations and extensions thereof for the full term or terms for which the same
may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application
and any continuing, divisional or reissue applications thereof and also to execute separate assignments
in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference
which may be declared concerning this application or any continuation, division or reissue thereof or
Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way
possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which
may be necessary in connection with claims under or provisions of the International Convention for the
Protection of Industrial Property or similar agreements.

401-2-0520

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

This Assignment has been executed by the undersigned on the date(s) indicated.

Date: October 31, 2001,

Ichiro Yamashita
Ichiro YAMASHITA

Date: _____,

Date: _____

Date: _____

Date: _____

Date: _____

Date: _____

Date: _____